DOVE.

SPECULUM ANNI

OR AN

ALMANACK

For the Year of our

LORD GOD

1700.

Being the Diſſextile or Leap-year, and from the worlds Creation 5702.

Wherein is contained an account of ſeveral Saints as they are in the Breviary, the Planets, Eclipſes, Terms both at *London* and *Cambridge*, Inclination of the Air, and other things of note.

Calculated properly for the famous Univerſity and Town of *Cambridge* where the North Pole is Elevated above the Horizon 52 degr. and 12 min.

But may indifferently ſerve for any Place within this Kingdom.

Cunctis qui placeat, non credo quòd modò vivat.

CAMBRIDGE,

Printed by John Hayes, Printer to the Univerſity, 1700.

The vulgar Notes and moveable Feasts for this Year 1700, in both Accounts, *viz.*

Julian or English.			*Gregorian* or Foreign.
	10	The Golden Number	10
	C	The Domical Letter	C
	20	The Epact	11
	1	The Cycle of the Sun	1
Febr.	11	Shrove-sunday	Febr. 7
March	31	Easter-day	March 28
May	9	Rogation-day	May 6
May	19	Whitsunday	May 16
Decemb.	1	Advent-sunday	Novemb. 27

A Table of the Terms with their Returns.

Hilary Term begins January 23, and ends February 12, and hath 4 returns, *viz.*

- Octab. Hilar. Jan. 30
- Quind. Hilar. Jan. 27
- Craft. Purif. Febr. 3
- Octab. Purif. Febr. 10

Easter Term begins April 17, ends May 13 and hath 5 returns, *viz.*

- Quind. Pasch. April 15
- Tres Pasch. April 22
- Mens. Pasch. April 29
- Quinq. Pasch. May 6
- Craft. Ascen. May 10

Trinity Term begins May 31, and ends June 19, and hath 4 returns, *viz.*

- Craft. Trin. May 27
- Octab. Trin. June 3
- Quind. Trin. June 10
- Tres Trin. June 17

Michaelmas Term begins October 23, and ends November the 28, and hath 6 returns, *viz.*

- Tres Mich. Octob. 31
- Mens. Mich. Octob. 30
- Craft. Anim. Novem. 4
- Craft. Mart. Novem. 12
- Octab. Mart. Novem. 18
- Quind. Mart. Novem. 26

The Scarlet days in the University of *Cambridge*, are as followeth,

All Saints, Christmas, Easter, Ascension, Whitsunday, Trinity-Sunday, Commencement, and the [illegible] At the two Parts proclaiming [illegible] June and September, The Feast of Saint Michael, and the [illegible] of November, To [illegible] Jerusalem and to Applications, All Duties [illegible] as to Congregations.

That is in their Robes.

To the Reader.

WHereas formerly the right-hand Page of this Almanack, *was for the most part empty; it shall hereafter be filled with some short account of, or reflection on the several Saints, whose Names fill up the Third Column of the left-hand Page, and which few know any thing of, (and God be thanked that we have not the occasion of knowing them, which some have) but yet a little knowledge of them may not be amiss to satisfie our curiosity, and let us see what a burthen of Festivals we are delivered from, which others will groan under. I will be as brief as I can, and such as will not now come within the compass of that part of this* Almanack *prepared for that purpose, shall hereafter; so that thou may'st hope to have this small Purchase soon eke'd out with Twelve penny worth of History. The* Almanacks *(I find) differ in their Saints, and therefore for sureness, and that none may be thrust out with a* Term begins, *or the like; I will add some new every year.*

Farewell.

A brief Concordance of Years with ſome memorable things ſince the beginning of the Reign of Queen *Elizabeth*.

Anno Dom.	*An. Re.*	since	
1558	1	142	A Parliament called.
1559	2	141	Monaſteries ſuppreſſed.
1560	3	140	Wars with *Scots* and *French*.
1561	4	139	*Paul*'s Church-ſteeple burnt.
1562	5	138	Tempeſt and Earthquake.
1563	6	137	20000 died of the Plague in *London*.
1564	7	136	*Thames* frozen.
1565	8	135	Peace with *France*.
1566	9	134	King *James* born.
1567	10	133	Royal Exchange finiſhed.
1568	11	132	A dry Summer.
1569	12	131	Rebellion in the North.
1570	13	130	Wars with *Scotland*.
1571	14	129	Earthquake in *Herefordſhire*.
1572	15	128	Maſſacre in *France*.
1573	16	127	Earl of *Eſſex* goes to *Ireland*.
1574	17	126	Counterfit Spirits puniſhed.
1575	18	125	An Earthquake.
1576	19	124	*Forbiſher*'s North Voyage.
1577	20	123	Infection at *Oxford* Aſſizes.
1578	21	122	A great Snow.
1579	22	121	A curious Lock Smith.
1580	23	120	Great Earthquake and Blazing Star.
1581	24	119	Three *Jeſuits* executed.
1582	25	118	New Calendar began.
1583	26	117	Earthquake in *Dorſetſhire*.
1584	27	116	*Nantwich* burnt.
1585	28	115	Tobacco firſt uſed in *England*.
1586	29	114	Ludgate new built.
1587	30	113	Blackwell Hall new built.

Spain's

1588	31	112	*Spain's* Armado overthrown.
1589	32	111	Duke of *Guise* murthered.
1590	33	110	Blasphemous *Hacket* hanged.
1591	34	109	*East-India* Company begun.
1592	35	108	The *Thames* almost dry.
1593	36	107	10636 died of the Plague in *London*.
1594	37	106	Great Tempest.
1595	38	105	Scarcity of Corn.
1596	39	104	Earl of *Essex* takes *Cadiz* in *Spain*.
1597	40	103	Wheat 13 shillings a Bushel.
1598	41	102	Great Tempests and Frost.
1599	42	101	Earl of *Essex* goes to *Ireland*.
1600	43	100	Embassadors from *Russia* and *Barbary*.
1601	44	99	Earl of *Essex* beheaded.
1602	45	98	Queen *Elizabeth* dieth at *Richmond*.
1602			K. *James* I. began *March* 24. 1602.
1603	1	97	30578 die of the Plague in *London*.
1604	2	96	Peace with *Spain*.
1605	3	95	Powder Plot.
1606	4	94	King of *Denmark* came to *England*.
1607	5	93	Moore-fields beautified.
1608	6	92	Oath of Allegiance.
1609	7	91	New Exchange in the Strand.
1610	8	90	King of *France* murthered.
1611	9	89	*Bartholomew Legat* an Arian burnt.
1612	10	88	Lady *Eliz.* married. Prince *Henry* dies
1613	11	87	Artillery Company revived.
1614	12	86	*Middleton's* Water.
1615	13	85	Smithfield paved.
1616	14	84	*Charles* created Prince of *Wales*.
1617	15	83	*Haddock* the sleeping Preacher.
1618	16	82	Sr *Walter Rawleigh* decollated.
1619	17	81	Queen *Anne* dies.
1620	18	80	King of *Bohemia* overthrown.
1621	19	79	*Philip* 3 K. of *Spain* dies, *Phil.* 4. succ

1622	20	78	Prince *Charles* goes into *Spain*.
1623	21	77	Black Friers downfall.
1624	22	76	The Bloudy Cruelty at *Amboyna*.
1625	K. *Char.*	1.	beg. *Mar.* 27. 54265. die. Pl. 35417.
1626	2	74	War with *Spain* and *France*.
1627	3	73	Isle of *Rhees* Voyage.
1628	4	72	Duke of *Buckingham* stabb'd.
1629	5	71	*New England* planted.
1630	6	70	King *Charles* II. born.
1631	7	69	Battle at *L. Tilly* slain.
1632	8	68	*London* Bridge burnt.
1633	9	67	*James* II. born *Octob.* 14.
1634	10	66	Ship Money first Taxed.
1635	11	65	Old *Parr* died aged 160.
1636	12	64	*Dutch* take the *Spanish* Silver Fleet.
1637	13	63	English Liturgy sent into *Scotland*.
1638	14	62	The *Scots* National Covenant.
1639	15	61	*Dutch* beat the *Spaniards* at *Dover*.
1640	16	60	The long Parliament began *Nov.* 3.
1641	17	59	The Earl of *Strafford* beheaded.
1642	18	58	*Edge Hill* Fight.
1643	19	57	*Newberry* first Fight.
1644	20	56	*Newberry* second Fight.
1645	21	55	Arch-Bishop of *Canterbury* beheaded.
1646	22	54	Lord *Fairfax* takes *Oxford*.
1647	23	53	King taken by Parliament and Army.
1648	24	52	King traiterously beheaded. K. *Charles* the Second begins *Jan.* 30.
1649	1	51	Powder-blow in Tower-street.
1650	2	50	King *Charles* II. Crowned in *Scotland*.
1651	3	49	*Worcester* Fight. *Love* beheaded.
1652	4	48	Wars with *Holland*.
1653	5	47	Old and New Parliament dissolved.
1654	6	46	Peace with *Holland*.

1655	7	45	Wars with *Spain*.
1656	8	44	Two Tides in 3 hours, *Octob.* 3.
1657	9	43	*Mardike* taken by the *English* & *French*.
1658	10	42	*Cromwell* died.
1659	11	41	Sr *George Booth*, & Gen. *Monk* for the King
1660	12	40	King *Charles* II. joyfully restored.
1661	13	39	King *Charles* II. Crowned, April 23.
1662	14	38	Married to Queen *Katherine*.
1663	15	37	King and Queen at *Windsor*.
1664	16	36	Three blazing Stars seen.
1665	17	35	97351 die, of the Plague 68586.
1666	18	34	13200 Houses burnt in *London*.
1667	19	33	The *Dutch* Hostile Treaty.
1667	19	32	E. of *Clarindon* banish. *Abr. Cowley* died
1669	21	31	Prince of *Tuscany* arrived in *England*.
1670	22	30	Dutchess of *Orleance* died.
1671	23	30	Dutch. of *York*, & E. of *Manchester* died
1672	24	28	War proclaimed with *Holland* by *English* and *French*. Earl of *Sandwich* slain.
1673	25	27	Sr *Edward Spragg* slain at Sea.
1676	28	24	600 Houses burnt in *Southwark*.
1677	29	23	Prince of *Orange* married to the L. *Mary*
1678	30	22	Sr *Edmund-Bury Godfry* murdered.
1680	32	20	A great Comet.
1682	34	18	Another Comet.
1684	36	17	A great 13 weeks frost, with a Fair kept upon the frozen *Thames*.
1685	K. *James*		the II. began *Febr.* 6. The King and
	1	15	Queen Crowned *April* 23.
	1	15	*Monmouth* Landed at *Lime*, June 11.
	1	15	*Monmouth* beheaded, *July* 14.
1688	4	12	K. *James* left the Kingdom in *December*.
1689	K. *William* and Q. *Mary* Crowned, *April* 11.		

January hath xxxi days.

Last quarter the 2 day, 27 min. past 3 in the morning.
New moon the 10 day, 26 min. past 4 in the morning.
First quarter the 18 day, 3 min. past 2 in the morning.
Full moon the 24 day, 4 min past 9 at night.
Last quarte the 31 day, 14 min. past 7 at night.

1	a	Circumcision	21	43	Libra	13	☌ ♄ ♂.	
2	b	Octab Steph.	22	44		26		
3	c	Octab. John.	23	45	Scorp.	9	Windy with	
4	d	Octab Innoc.	24	46		22	☒ ♂ ☿.	
5	e	Simeon	25	47	Sagit.	4	Some rain	
6	f	Epiphany	26	49		16		
7	g	1 after Epiph.	27	50		28	♂ ☉ ☿.	
8	a	Erchard	28	51	Capr.	10	or snow.	
9	b	Marcellin.	29	52		22		
10	c	Sun in Aquar.	0	53	Aquar.	4	☽ Apogæon.	
11	d	Hyginus	1	40		16		
12	e	Satyrus	2	41		27		
13	f	Hilary B.	3	42	Pisces	10	☽ ♆.	
14	g	2 after Epiph.	4	43		22	Good season-	
15	a	Maurilius	5	44	Aries	4	☒ ☉ ♂. able	
16	b	Marcellus	6	45		16	weather.	
17	c	Bathany	7	46		29		
18	d	Prisca	8	47	Taur.	12		
19	e	Pontian	9	48		26	Cold, with	
20	f	Octab. Hillar.	10	49	Gem.	10	frost.	
21	g	3 after Epiph.	11	50		24	♂ ♄ ♀.	
22	a	Vincent	12	51	Canc.	9	☽ Perigæon.	
23	b	Term begins	13	52		24		
24	c	Timothy	14	53	Leo	9		
25	d	Conv. S. Paul	15	53		24		
26	e	Polycarp	16	54	Virgo	9	☽ ♂.	
27	f	Quind. Hillar.	17	55		24	Dark and	
28	g	Septuagesima	18	56	Libra	8	gloomy weath.	
29	a	Valerius	19	56		22	and very cold.	
30	b	K. Ch. 1. mar.	20	57	Scorp.	5		
31	c	Cyriacus	21	58		18	☒ ♂ ♀.	

January 1700.

Cambridge Term begins the 13 day.

Days of the month	Suns rising	Suns setting	
		and	
1	8	4	4
2	8	3	4
3	8	2	4
4	8	0	4
5	7	59	5
6	7	58	5
7	7	57	5
8	7	55	5
9	7	54	5
10	7	52	5
11	7	50	5
12	7	48	5
13	7	47	5
14	7	46	5
15	7	45	5
16	7	44	5
17	7	42	5
18	7	40	5
19	7	38	5
20	7	36	5
21	7	34	5
22	7	32	5
23	7	30	5
24	7	28	5
25	7	26	5
26	7	24	5
27	7	23	5
28	7	21	5
29	7	19	5
30	7	17	5
31	7	16	5

St. *Agnes*, a Virgin to be ſure, becauſe her name ſignifies Purity and Chaſtity. Nay, ſhe could not be deflowred, and therefore a Martyr for Virginity; But the Wonder is, how this Virgin ſhould help all Girls who faſt in honour of her, to the knowledge of their Sweet-hearts. She is accompanied by St. *Emerentiana*, who as ſhe was praying at her Sepulchre was ſtoned; they better deſerve it who faſt on her Day.

Polycarpe, made Biſhop of *Smyrna* by Saint *John*, whoſe diſciple he was, under *Martus Antonius*. He was put to the ſtake, but the fire not hurting him, he was thruſt through with a ſword.

Circumciſion, or Chriſt ſubmitting to the Law in that early and painfull piece of Service; this was ſo great a Day amongſt the Heathens, that the Chriſtians would not obſerve it for 1000 years, and well was it for the Chriſtians, that this was ſuch a Gaudy day with them, for they would not fully the joy of it with Martyring the Chriſtians, ſo that whereas there were in *Conſtantines* time, the Feaſts of 5000 Saints for every day in the year, there were none for this. *Durand.* quotes *Euſeb.* but let them anſwer for it. What a fine Trade had the Pope in thoſe days to Canonize ſo many? for none might do it but he, ſaith *Durand.* 1842000, in the ſpace of a little more then 300 Years: and in thoſe Days when, (as I remember) they had other fiſh to fry.

February hath xxix days.

New moon the 8 day, 31 min. past 11 at night.
First quarter 16 day, 9 min. past 5 at night.
Full moon 23 day, 11 min. past 7 in the morning.

D. M.	W. D.	Festival days with terms.	☉ place d.	m.	Moons place.		Inclination of the air.
1	d	Bridget	22	59	Sagit.	1	
2	e	Purif. V. M.	23	59		13	Some frost
3	f	Crast. Purif.	25	0		25	with snow a-
4	G	Sexagesima	26	1	Capr.	7	bout this time.
5	a	Agatha	27	1		19	☽ Apogæon.
6	b	Dorothy	28	2	Aquar.	1	✶ ♃ ☿.
7	c	Zachary	29	2		12	
8	d	Sun in Pisces	0 ♓	3		24	
9	e	Apollon	1	3	Pisces	7	
10	f	Octab. Purif.	2	4		19	☽ ☋.
11	G	Shrove sunday	3	4	Aries	1	
12	a	Term ends	4	4		13	♂ ☉ ♄.
13	b	Eustace	5	5		26	Not very cold
14	c	*Val.* & Ash-wed.	6	5	Taur.	9	the season con
15	d	Faustin	7	5		22	sidered.
16	e	Juliana	8	5	Gem.	5	
17	f	Dioscorus	9	6		19	
18	G	Quadragesima.	10	6	Canc.	3	☐ ♂ ☿.
19	a	Ronim	11	6		18	
20	b	Mildred	12	6	Leo	2	☽ Perigæon
21	c	Ember week	13	6		17	Cold air, with
22	d	Esaias	14	6	Virgo	2	☽ ☊. snow
23	e	Cath. Pet.	15	6		17	☽ Eclips. vis.
24	f	S. Matthias	16	6	Libra	2	or rain.
25	g	2 Sun. in Lent	17	6		16	
26	g	Simeon B.	18	6	Scorp.	0	
27	a	Nestor	19	6		13	Windy and
28	b	Fortunat.	20	6		26	changeable
29	c	Roman	21	5	Sagit.	9	♂ ♄ ☿. weath.

February 1700.

Commencement for Batchelors in Arts 15 day.

Days of the month.	Suns rising and setting	
1	7	14
2	7	12
3	7	10
4	7	8
5	7	6
6	7	4
7	7	2
8	7	0
9	6	58
10	6	56
11	6	54
12	6	52
13	6	50
14	6	48
15	6	46
16	6	44
17	6	42
18	6	40
19	6	38
20	6	36
21	6	34
22	6	32
23	6	30
24	6	28
25	6	26
26	6	24
27	6	22
28	6	20
29	6	18

Purification, how, and why we observe this Day, any who will go to his Parish-Church on it may know; It is called Candlemas-day, because they left off using of Candles at their Evening Service, but *Barold.* thinks the Christians did expiate the Heathenish superstitions of celebrating their *Saturnalia* with lighted Candles, and made it both holy and laudable, by introducing it into their Church, and that they celebrated both this, and all the other Feasts of the Virgin *Mary* with lighted Candles: How far introducing such things into their Church will sanctifie them, they would do well to explain: but to us, whose noses are not yet sanctified, they smell rank of Superstition still; nor will the Name of the day be able to purifie the greatest Superstitions.

Bridget, a *Scotch* Saint, because a Virgin, I know not what cause there was to suspect her Virginity, she did but touch an Altar, and the wood of it became Green, as if it had been growing; I would not have Virgins trust to such Miracles, other proofs are better and easilier secured.

Valentine, a good Priest and Martyr, whose Cudgelling and sufferings doth not so much encourage Youngsters to bid fair for a Mate, as the coming on of the Spring, and the warmth of their Bloods.

Last quarter the 2 day, 50 min. past noon.
New moon the 10 day, 18 min. past 4 in the afternoon.
First quarter the 18 day, 3[illegible] min. past 1 in the morning.
Full moon the 24 day, 39 min. past 5 in the afternoon.

1	d	David B.	22	5	Sagit.	9	Wind with
2	e	Teddus B.	23	5		21	△ ☉ ♂.
3	f	3 Sund in Lent	24	5	Capr.	3	some storms
4	g	Adrian	25	4		0	✱ ☉ ♃.
5	a	Phocas	26	4		27	of snow and
6	b	Fridelin	27	3	Aquar.	9	▨ ♃ ♀ rain.
7	c	Perpetua	28	3		21	☽ Apogæon.
8	d	Cyprian	29	2	Pisces	3	☽ ☋.
9	e	Sun in Aries	0 ♈	1		15	
10	f	Midlent Sund.	1	1		28	△ ♂ ☿.
11	g	Agapitus	2	0	Aries	10	✱ ♃ ♀.
12	a	Gregory	3	0		23	Pinching cold
13	b	Euphrasia	3	59	Taur.	6	frosty morn-
14	c	Eutychus	4	59		19	ings.
15	d	Longinus	5	58	Gem.	2	
16	e	Heribert	6	57		16	✱ ♄ ♀:
17	f	5 Sund. in Lent	7	56	Canc.	0	☌ ☉ ☿.
18	g	Edward R.	8	55		14	
19	a	Joseph	9	55		28	☽ Perigæon.
20	b	Cuthbert	10	54	Leo	12	
21	c	Benedict	11	53		27	☽ ☊.
22	d	Sphrodis	12	52	Virgo	11	Blustering
23	e	Victorin	13	51		26	Winds with
24	f	Palm Sunday	14	50	Libra	10	some wet.
25	g	Lady day	15	48		24	▨ ♃ ☿.
26	a	Castulus	16	47	Scorp.	8	
27	b	John Exem.	17	46		21	
28	c	Gideon	18	45	Sagit.	5	Windy & dry
29	d	*Good Friday*	19	44		17	towards the
30	e	Gaido	20	42		29	☍ ♂ ♀.
31	f	Easter Sunday	21	41	Capr.	12	month end.

March 1700.

The Latter Act the 14 day.

Cambridge Term ends the 22 day.

Days of the month	Suns rising.	Suns setting.	
1	6	16	6
2	6	14	6
3	6	12	6
4	6	10	6
5	6	8	6
6	6	6	6
7	6	4	6
8	6	2	6
9	6	0	6
10	5	58	7
11	5	56	7
12	5	54	7
13	5	52	7
14	5	50	7
15	5	48	7
16	5	46	7
17	5	44	7
18	5	42	7
19	5	40	7
20	5	38	7
21	5	36	7
22	5	34	7
23	5	32	7
24	5	30	7
25	5	28	7
26	5	26	7
27	5	24	7
28	5	22	7
29	5	20	7
30	5	18	7
31	5	16	7

David Bp. the Patron of the *Welch*, their first Bishop, begot of a religious Virgin by a Prince of that Countrey, for which the ever after lived on bread and water, Mr. *Cressey*. I leave them to thank him for it. But being to preach to a Synod of 118 Bishops, and an innumerable company of Kings, Princes and People, the Ground he stood on rose up into an Hill, that he was seen and heard of all, on which Hill a Church was built, which is there to this day; but as proud as they are of their Bishop, I believe they wish he never had spent a Miracle to multiply their Hills.

Lady-day, this Day is kept in remembrance of Christ's being conceived by the Virgin *Mary*, a Mercy we have all reason to remember, and it were well we could do it more with Thankfulness then Superstition. You may believe (if you please) that Christ suffered on that day he was conceived, but I had rather *Baronius* should give you a reason of it then I; and he is modest in respect of others, who will have *Adam* created, *Abel* slain, *Isaac* offered, *John* Baptist beheaded, St *James* slain, *Peter* preferred above all the Apostles, Christ and the Bodies of many Saints to have risen from the dead on this Day, *Durand*. Where for memory sake they are in Verse.

Good-Friday, for the Good done us on this Day in Christs Sufferings, it was always strictly injoyned and observed.

April hath xxx. days.

Last quarter the 1 day, 23 min. past 7 in the morning.
New moon the 9 day, 18 min. past 6 in the morning.
First quarter the 16 day, 3 min. past 7 in the morning.
Full moon the 23 day, about 5 in the morning.

1	g	Theodore	22	40	Capr.	23	☽ Apogæon.	
2	a	Mar. Egypt.	23	38	Aquar.	5	☌ ♄, ☿.	
3	b	Ulpian	24	37		17	△ ♃ ♀.	
4	c	Ambrose	25	35		29		
5	d	Vincent	26	34	Pisces	11	☽ ☍.	Windy
6	e	Sixtus	27	32		23	and moist a-	
7	f	Low-Sunday	28	31	Aries	6	bout this time	
8	g	Dionysius	29	29		19		
9	a	Sun in Taur.	♉ 0	28	Taur.	2	□ ☉ ♃.	
10	b	Ezekiel	1	26		15	Cold. and not	
11	c	Lea	2	24		29	☌ ♂ ☿, very	
12	d	Julius	3	22	Gem.	12	□ ♄ ♀.	
13	e	Justinus	4	21		27	pleasant ☽ et.	
14	f	2 after Easter	5	19	Canc.	11		
15	g	Quind. Pasch.	6	17		25		
16	a	Carinus	7	15	Leo	9	☽ Perigæon.	
17	b	Tem. paint	8	13		23	☽ ☊.	
18	c	Valerian	9	11	Virgo	7	Some showers	
19	d	Timon	10	9		21	of rain and	
20	e	Sulpitius	11	7	Libra	5	✶ ☉ ♄.	
21	f	3 after Easter	12	5		19	hail very sea-	
22	g	Tres Pasch.	13	3	Scorp.	3	sonable.	
23	a	S. GEORGE	14	1		16		
24	b	Liberius	14	59	Sagit.	0		
25	c	S. Mark	15	57		12	Good growing	
26	d	Cletus	16	56		25	☌ ☉ ♂.	
27	e	Anastas.	17	53	Capr.	7	weather, and	
28	f	4 after Easter	18	51		20	pleasant for	
29	g	Mens Pasch.	19	48	Aquar.	1	☽ Apogæon.	
30	a	Q. M. E. born	20	46		13	the season.	

April 1700.

Cambridge Term begins the 10 day.

Days of the month	Sun rising	Sun setting
1	5 14	7
2	5 12	7
3	5 10	7
4	5 8	7
5	5 6	7
6	5 4	7
7	5 2	7
8	5 0	7
9	4 58	8
10	4 56	8
11	4 54	8
12	4 52	8
13	4 50	8
14	4 48	8
15	4 46	8
16	4 44	8
17	4 42	8
18	4 40	8
19	4 39	8
20	4 37	8
21	4 35	8
22	4 33	8
23	4 32	8
24	4 30	8
25	4 28	8
26	4 27	8
27	4 25	8
28	4 23	8
29	4 22	8
30	4 21	8

Francis de Paula, He at 13 years betook himself to the Wilderneſs, famous for his humility and inſtituting the Order of the *Minims*, a great Admirer of Chaſtity, for the which ſake, he always lay upon the Ground, and in the night did ſoundly laſh himſelf, he lived on bread and water, eat but once a day, and that after Sun-ſet; his Miracles and Propheſies wont come within this page; but I cannot omit his ſailing upon his Cloak, when for want of Pay the Marriners would not carry him. After he was dead, he lay unburied 11 days, and in ſtead of any ſtink, gave a ſweet ſmell, if you'l believe the *Brev.*

Dionyſius, Biſhop of *Corinth*, he muſt be remembred, becauſe he had that reverence for the Biſhops of *Rome*, that he made their Epiſtles to be read in Churches on Sundays, which now like old ſcaffolds are laid aſide by the Papiſts themſelves.

St. *George*, the ſtories of him are ſo Prodigious, we ſcarce know what to believe, ſaith *Baronius*, and had he always been as modeſt, his Martyrology would have ſhrunk of its Bulk; I am ſorry we have no better Author of this great *Engliſh* Saint, for the ſake of the Noble Order, who keep up his memory. See *Baron.*

Richard, Biſhop of *Chicheſter*, famous for piety and miracles. *Baron.*

May hath 31 days.

Last quarter the 1 day, 22 min. past 1 in the morning.
New moon the 8 day, 32 min. past 5 in the afternoon.
First quarter the 15 day, 22 min. past 11 before noon.
Full moon the 21 day, 6 min. past 5 in the afternoon.
Last quarter the 30 day, 6 min past 6 in the afternoon.

1	b	Phil. & Jacob.	21	44	Aquar.	25	☽ ☿.	
2	c	Athanas	22	41	Pisces	7	♂ ☉ ♃.	
3	d	Invent. Crucis	23	39		9	Cool weather	
4	e	Florianus	24	37	Aries	1	for the season.	
5	f	5 after Easter	25	34		14		
6	g	Joh Port. Lat.	26	32		27		
7	a	Jubnal	27	29	Taur.	10		
8	b	Stan flans	28	27		24		
9	c	Ascension Day	29	25	Gem.	8	△ ☉ ♀.	
10	d	Sun in Gem.	☊	22		22	△ ♄ ♂ ☿.	
11	e	Mamert.	1	20	Canc.	7	△ ♄ ♂.	
12	f	6 after Easter	2	17		21	Cold batter-	
13	g	Term ends	3	14	Leo	5	☽ Perigæon.	
14	a	Bonifacs	4	12		20	ing rain, and	
15	b	Sophia	5	9	Virgo	4	some storms	
16	c	Peregrin.	6	7		18	of hail with	
17	d	Cotpetas	7	4	Libra	1	wind.	
18	e	Monastius	8	1		15		
19	f	Whit-sunday	8	59		29		
20	g	Dunstan	9	56	Scorp.	12		
21	a	Helena	10	53		25		
22	b	Ember-Week.	11	50	Sagit.	8	Fine pleasant	
23	c	Desiderius	12	48		21	growing wea-	
24	d	Esther	13	45	Capr.	3	☒ ☉ ♄.	
25	e	Urban	14	42		15	ther about	
26	f	Trinity Sund.	15	39		27	this time.	
27	g	Craft. Trin.	16	37	Aquar.	9	♂ ☿ ♀.	
28	a	Germans	17	34		21	☽ Apogæon.	
29	b	K. Ch. II. Nat.	18	31	Pisces	3	☽ ☿.	
30	c	Wigandus	19	28		15	Warm with	
31	d	Term begins	20	25		27	rain & thund.	

Days of the month

Days of the month	Sun rising.	Sun setting, and	
1	4	20	8
2	4	19	8
3	4	18	8
4	4	16	8
5	4	15	8
6	4	13	8
7	4	12	8
8	4	11	8
9	4	9	8
10	4	8	8
11	4	6	8
12	4	5	8
13	4	3	8
14	4	2	8
15	4	1	8
16	3	59	9
17	3	58	9
18	3	57	9
19	3	56	9
20	3	55	9
21	3	54	9
22	3	53	9
23	3	52	9
24	3	51	9
25	3	50	9
26	3	49	9
27	3	48	9
28	3	47	9
29	3	46	9
30	3	46	9
31	3	46	9

Philip and *James*, this was anciently the Feast of all Saints, but that Feast being translated to *November*, it was kept in remembrance of these two Apostles: *Philip* was the first whom Christ called, the other two were sent, or at least encouraged by St. *John* to go to Christ; St. *James* he is stiled the less, one of those who were stiled the Brethren of our Lord, he was thrown from the top of the Temple, and killed with a Fullers Club.

Holy-Thursday, or the day of Christs Ascension; some will tell you that the Prints of Christs Feet where he last stood, were to be seen in the ground, and could never be covered: when a Temple was built over them, all was found open over them.

White-Sunday, or Pentecost, the 50th. day from *Easter*, one of the Jewish great Feasts, in which they remembred the Giving of the Law, and that Gathering them together. The confirmation of the Gospel by the visible Descent of the Holy Ghost, was more remarkable and effectual. It is called *White-Sunday*, as some will have it, from the White Garments worn by persons to be baptized, or else from *Huict*-Sunday, or the Eighth Sunday from *Easter*, that being our first Ember Week, so called from the *Quatuor Tempora*, or Four Times publickly set apart for the Ordination of Ministers; and the Fasting, is for the opportunity of praying for a Blessing on that Great Work, in which all are so much concerned.

New moon the 7 day, 26 min. past 2 in the morning.
First quarter the 13 day, 34 min. past 4 in the afternoon.
Full moon the 21 day, 25 min. past 6 in the morning.
Last quarter the 29 day, 10 min. past 9 before noon.

1	ℓ	Pamphilus	21	22	Aries	9	Fine growing
2		1 after Trin.	22	20		22	weather with
3	ℊ	Octab. Trin.	23	17	Taur.	5	△ ☿ ☿.
4	a	Petrocy	24	14		18	▨ ♂ ☿.
5	b	Bonifacc	25	11	Gem.	2	ſome wet.
6	c	Paulus	26	8		16	
7	d	Gebardus	27	5	Canc.	1	
8	e	Arremius	28	2		16	
9	f	2 after Trin.	28	59	Leo	1	Very pleaſant
10	ℊ	Quind. Trin.	29	56		15	☽ Perigæon.
11	a	Barnabas	0	♋ 53	Virgo	0	Sun in Cancer
12	b	Baſilides	1	51		14	▨ ♄ ☿.
13	c	Cyrillus	2	48		28	weather ac-
14	d	Valerius	3	45	Libra	12	cording to
15	e	Vitus	4	42		25	the ſeaſon.
16	f	3 after Trin.	5	39	Scorp.	9	✶ ☿ ☿.
17	ℊ	Tres Trin.	6	36		22	
18	a	Marc. &c.	7	33	Sagit.	4	Windy with
19	b	Term ends	8	30		17	ſtorms, and
20	c	Regina	9	27		29	thunder in
21	d	Mercurg.	10	24	Capr.	12	△ ☉ ♂.
22	e	Alban	11	21		24	ſome places.
23	f	4 after Trin.	12	18	Aquar.	6	
24	g	John Bapt.	13	15		18	△ ☉ ♄.
25	a	Eleanora	14	12		29	☽ Apogæon.
26	b	Jeremias	15	9	Piſces	11	△ ♂ ☿.
27	c	Sept. Dorm.	16	6		27	△ ♄ ☿.
28	d	Leo Papa	17	4	Aries	5	
29	e	Pet. & Paul	18	1		17	Dry at the end
30	f	5 after Trin.	18	56	Taur.	0	♂ ☉ ☿.

June 1700.

Days of the month.	Suns rising.	Suns setting.
1	3 45	9
2	3 45	9
3	3 45	9
4	3 44	9
5	3 44	9
6	3 44	9
7	3 43	9
8	3 43	9
9	3 43	9
10	3 43	9
11	3 43	9
12	3 43	9
13	3 43	9
14	3 43	9
15	3 44	9
16	3 44	9
17	3 44	9
18	3 45	9
19	3 45	9
20	3 45	9
21	3 46	9
22	3 46	9
23	3 46	9
24	3 47	9
25	3 47	9
26	3 48	9
27	3 49	9
28	3 50	9
29	3 51	9
30	3 53	9

St. *John* Baptiſt, we keep this Day in remembrance of his miraculous Birth, to uſher in the Birth of Chriſt, but why ſhould any contend ſtifly for this Day of the month? as *Baronius* doth, when the Scripture only ſaith about that time; but ſome have a knack of being wiſer then their Teachers.

St *Peter* and St. *Paul*, it looks like Ingratitude in us, to whom St. *Paul* came and preached the Goſpel, to omit the Commemoration of his Martyrdom, when yet the *Breviary* own it on this day, and ſo do all the ancient Homiliſts, joyning St. *Paul* and St. *Peter* together on this day, becauſe they both ſuffered on it at *Rome*, which is the beſt Argument of St. *Peter's* ever being there. St. *Peter* was crucified with his Head downward, but St. *Paul* (as being a Freeman, and of good Parentage) had his Head ſtruck off with a ſword.

The 7 *Sleepers*, who for fear of Perſecution under *Decius*, fled into a Cave, where they were ſhut up, and falling aſleep, they all ſlept 300 years, till one making a ſtartle near them, waked them: They ſent out their ſervants to buy ſome meat, but their Money was not known, nor their Names remembred, *Caviat qui capere poteſt:* and abundance of pretty ſurpriſing things happened, till the Miracle was diſcovered.

New moon the 6 day, 42 min. past 9 before noon.
First quarter the 13 day, 13 min past midnight.
Full moon the 20 day, 2 min. past 9 at night.
Last quarter the 28 day, at a 11 at night.

1	g	Tr. Stritth	19	55	Taur.	13	Hot weather
2	a	Visit. Mary	20	52		26	with hasty
3	b	Cosmelius	21	49	Gem.	10	☌ ♄ ♂.
4	c	Ulricus	22	46		25	♂ ♆ ☿.
5	d	Anselm.	23	43	Canc.	9	showers and
6	e	Tranquil.	24	41		21	thunder.
7	f	6 after Trin.	25	38	Leo	9	
8	g	Grimbald	26	35		24	♂ ☉ ♆.
9	a	Cyriacus	27	32	Virgo	9	☽ Perigæon.
10	b	7 Fratres	28	29		24	
11	c	Benedict	29	26	Libra	8	
12	d	Sun in Leo	0 ♌	24		22	Hot and dry.
13	e	Henrions	1	21	Scorp.	5	
14	f	7 after Trin.	2	18		19	☒ ♂ ☿.
15	g	Swithin	3	15	Sagit.	1	
16	a	Renelm	4	13		14	♂ ♄ ♀.
17	b	Alexius	5	10		26	
18	c	Arnolph	6	7	Capr.	9	Good weather
19	d	Dog days beg.	7	5		21	for making
20	e	Margaret	8	2	Aquar.	3	of hay about
21	f	8 after Trin.	8	59		14	this time.
22	g	Mar. Mag.	9	57		26	☽ Apogæon.
23	a	Apollin	10	54	Pisces	8	☽ ☍.)
24	b	Christiana	11	51		20	
25	c	S. James Ap.	12	49	Aries	2	
26	d	Anna	13	46		14	High winds
27	e	Martha	14	44		26	with some
28	f	9 after Trin.	15	41	Taur.	9	✶ ♃ ♂.
29	g	Beatrix	16	39		21	♂ ♄ ☿.
30	a	Abdon	17	36	Gem.	5	wet, if not
31	b	German	18	34		18	thunder.

July 1700.

The 2 day is Commencement Tuesday.

***Cambridge* Term ends the 5 day.**

Days of the month.	Sun rising.		Sun setting. and
1	3	54	9
2	3	55	9
3	3	56	9
4	3	57	9
5	3	58	9
6	3	59	9
7	4	0	8
8	4	1	8
9	4	3	8
10	4	4	8
11	4	5	8
12	4	7	8
13	4	8	8
14	4	10	8
15	4	11	8
16	4	13	8
17	4	15	8
18	4	17	8
19	4	19	8
20	4	21	8
21	4	22	8
22	4	24	8
23	4	26	8
24	4	27	8
25	4	29	8
26	4	30	8
27	4	32	8
28	4	33	8
29	4	35	8
30	4	37	8
31	4	39	8

The Five Holy Martyrs, who were catched searching for Relicts of holy Martyrs, and being apprehended, seeing neither threats nor promises would prevail with them (in so good a Cause who would yeeld?) they were tortured, and after cast into the sea, for fear their Reliques should be sought for too, and so occasion others to be executed; for (as I remember) it was the Law of the Country, so highly had they provoked the Civil Government, by this officious Superstition.

Mary Magd. she, out of whom our Lord cast 7 Devils, and saw him after his Resurrection, a good encouragement to all Penitents, and it is better to reflect on her Repentance, then to search what became of her, or where she was buried: some fancy that because she had exposed her self living, she was never cover'd when dead. *Baron.*

St. *James* the Elder, son of *Zebedee*, brother of *John* the Evangelist, preached in *Spain*, where meeting little success, he returned to *Hierusalem*, where he was beheaded by *Herod*. Some will tell you that his body was sent into *Spain*, and though he did not go back when he was alive, yet that made a great Conversion of that Nation: O that I had room to tell you of the great splendours of his Church at *Compostella*, and the Feats done there, as I may do hereafter.

New moon the 4 day, 7 min. paſt 5 in the afternoon.
Firſt quarter the 11 day, 10 min paſt 11 before noon.
Full moon the 19 day, 42 min. paſt noon.
Laſt quarter the 27 day, 2 min. paſt 10 before noon.

1	C	Lammas day	19	32	Sanc.	3		
2	D	Steis	20	29		18	♂ ♀ ☿.	
3	E	Dominic	21	27	Leo	3	Very warm	
4	F	10 after Trin.	22	24		18	☽ Perigæon.	
5	G	Feſt. nivis	23	22	Virgo	3	☽ ☌ ♄. with	
6	a	Sixtus	24	20		18	ſome ſhowers.	
7	b	Donatus	25	18	Libra	3	△ ♆ ☿.	
8	c	Cyriacus	26	15		18		
9	d	Romanus	27	13	Scorp.	1		
10	e	Lawrence	28	11		15		
11	f	11 after Trin.	29	9		28	Black clouds	
12	g	Sun in Virgo	0 ♍	7	Sagit.	11	and very like	
13	a	Hippolytus	1	5		23	thunder.	
14	b	Euſebius	2	2	Capr.	6		
15	c	Aſſump. V.M.	3	0		18		
16	d	Rochus	3	58		29	☌ ♄ ♀.	
17	e	Agapitus	4	56	Aquar.	11	☒ ☉ ☌.	
18	f	12 after Trin.	5	55		23	☽ Apogæon.	
19	g	Mag. Mart.	6	53	Piſces	5	☽ ☍.)	
20	a	Barnard	7	51		17	Moderate as to	
21	b	Privatus	8	49		29	☌ ☉ ♀. heat	
22	c	Symphor	9	47	Aries	11	□ ☌ ♀ with	
23	d	Zacheus	10	45		23	☌ ☉ ♄.	
24	e	S. Bartholom.	11	44	Taur.	6	ſome wind	
25	f	13 after Trin.	12	42		18	and ſhowers.	
26	g	Severinus	13	40	Gem.	1	☒ ♆ ☌.	
27	a	Dog dayſend.	14	38		14		
28	b	Auguſtin	15	37		28		
29	c	Decol. J. B.	16	35	Cane	12	Cool air, and	
30	d	Felix	17	34		26	moiſt towards	
31	e	Paulinus	18	32	Leo	11	the end.	

Days of the month.	Sun rising.		Sun setting.	
1	4	41	8	
2	4	43	8	
3	4	44	8	
4	4	46	8	
5	4	48	8	
6	4	49	8	
7	4	51	8	
8	4	53	8	
9	4	55	8	
10	4	57	8	
11	4	59	8	
12	5	0	7	
13	5	2	7	
14	5	4	7	
15	5	6	7	
16	5	8	7	
17	5	10	7	
18	5	12	7	
19	5	14	7	
20	5	16	7	
21	5	17	7	
22	5	19	7	
23	5	21	7	
24	5	23	7	
25	5	25	7	
26	5	27	7	
27	5	29	7	
28	5	30	7	
29	5	32	7	
30	5	34	7	
31	5	36	7	

Assumption of the Virgin *Mary*, a great question, whether this Assumption was of her Soul or Body, which some thus solve: her Soul was first assumed, but how long her body did lagg behind is not rashly to be defined; but it is better piously to believe, that both were assumed; for one *Elizabeth*, a devout woman in *Saxony*, had it revealed to her, that her body was assumed 40 days after her soul. This Feast is the greatest of all her Feasts, it hath a Fast and Octaves to it, which no other of her Feasts hath; her Office is read every Sunday, except betwixt *Easter* and *Whitsontide*, a Priest who said it at that time was suspended for it by the Bishop, but she appeared to him, schooled him for it, and made him take off the Suspension. *Durand.*

St. *Barthol.* It is not improbable that this was *Nathanael*, of whom our Saviour gives this great Character, that he was without guile. O that the pains which had been taken about the Virgins Assumption, had been spent in imitating this mans sincerity! I wonder how some dare invoke this Saint, who if he knew any thing of them, must be more grieved at them, then he was at those who fleaed him alive, and then cut off his head.

September hath xxx days.

New moon the 3 day, 54 min. past midnight.
First quarter the 10 day, 33 min. past 1 in the morning.
Full moon the 18 day, 48 min. past 4 in the morning.
Last quarter the 25 day, 20 min. past 4 in the afternoon.

1	♐	14 after Trin.	19	31	Leo	26	☽ Perigæon.
2	g	Mamertus	20	29	Virgo	11	The weather
3	a	Theodosia	21	28		26	△ ☉ ♃.
4	b	Tr. Cuthbert	22	26	Libra	11	grows cool
5	c	Moses	23	25		26	☌ ☉ ☿.
6	d	Magnus	24	24	Scorp.	10	and some rain
7	e	Regina	25	22		24	followeth.
8	♐	15 after Trin.	26	21	Sagit.	7	
9	g	Gorgon	27	20		20	
10	a	Hillary P.	28	19	Capr.	2	
11	b	Felix, &c.	29	18		14	Good season-
12	c	Sun in Libra	0 ♎	17		20	able weather.
13	d	Amatus	1	16	Aquar.	8	
14	e	Exalt. Crucis	2	14		20	☽ ☋.
15	♐	16 after Trin.	3	13	Pisces	2	☽ Apogæon.
16	g	Edith	4	12		14	
17	a	Lambert	5	12		26	
18	b	Ember week	6	11	Aries	8	
19	c	Januarius	7	10		20	Misty, raw, &
20	d	Fausta	8	9	Taur.	3	dark weather
21	e	S. Matthew	9	8		15	but soon alters
22	♐	17 after Trin.	10	7		28	△ ♃ ☿.
23	g	Cecla, Vir.	11	7	Gem.	11	
24	a	Rupertus	12	6		25	
25	b	Cleopas	13	5	Canc.	8	Windy and
26	c	Cyprian	14	5		22	☽ Perigæon
27	d	Cosm. Dam.	15	4	Leo	6	moist towards
28	e	Wencesl.	16	4		21	the end.
29	♐	S. Michael	17	3	Virgo	5	☐ ♂ ☿.
30	g	Hieronim	18	3		20	

September 1700.

Sturbridge Fair begins the 8 day.

Days of the month.	Sun rising.	Sun setting, and	
1	5	38	7
2	5	40	7
3	5	42	7
4	5	44	7
5	5	46	7
6	5	48	7
7	5	50	7
8	5	52	7
9	5	54	7
10	5	56	7
11	5	58	7
12	6	0	6
13	6	2	6
14	6	4	6
15	6	6	6
16	6	8	6
17	6	11	6
18	6	13	6
19	6	15	6
20	6	17	6
21	6	20	6
22	6	22	6
23	6	24	6
24	6	26	6
25	6	28	6
26	6	30	6
27	6	32	6
28	6	34	6
29	6	36	6
30	6	39	6

Nativ. of *Mary*. A devout Person who used to pray much in the night, he heard the Angels singing in Heaven, and this he heard for many years together (did they keep no other Holyday but this?) he prayed God to let him know the occasion of it, and he was answered, that it was the Angels keeping of a Festival for the Nativity of the Virgin *Mary*. Away goes he to the Pope with this, and what could the Pope do less, then appoint a Yearly Feast, that all the World might joyn with the Angels in such a Solemnity? On this occasion the Contemplations dedicated to Queen Dowager say, that even in her mothers Womb, her Contemplations, Sallies of love, and Unions with God were restless, ever encreasing in their vigour, and still expiating through the vast motives and methods of Mystical Love, so well was that Author acquainted with her before she was born, *p.* 4.

St. *Matthew*, a Publican at first, but at Christs Call a diligent Apostle, who first writ our Saviours History, about 8 years after his Ascension, and in the Language then most used; a copy of it was found by *Panentenus* going to convert the places where he had preached, and this might be done without St. *Matthew*'s revealing of it; which I suppose is more for the sake of the finding of St. *Barnabas*'s body with it, (as some would persuade us,) but this Copy was never of any authority in the Church.

New moon the 2 day, 56 min. paſt 9 before noon.
Firſt quarter the 9 day, 12 min. paſt 7 at night.
Full moon the 17 day, 54 min. paſt 8 at night.
Laſt quarter the 25 day, 45 min. paſt 3 in the morning.
New moon the 31 day, 36 min. paſt 9 at night.

1	a	Remigius	19	2	Libra	5		
2	b	Leodegar	20	2		20	☌ ♄ ☿.	
3	c	Marmion	21	2	Scorp.	4	Cloſe, cool, &	
4	d	Francis	22	1		18	ſomewhat	
5	e	Conſtance	23	1	Sagit.	2	☐ ☉ ♆.	
6	f	19 after Trin.	24	1		15	✶ ♄ ♂.	
7	g	Marcus, &c.	25	1		28	moiſt.	
8	a	Pelagia	26	0	Capr.	11		
9	b	Dionyſius	27	0		23	Some gentle	
10	c	Wideon	28	0	Aquar.	5	rains, and not	
11	d	Burchard.	29	0		16	△ ♅ ☿.	
12	e	Sun in Scorp.	0 ♏	0		28	☽ Apogæon.	
13	f	20 after Trin.	1	0	Piſces	10	very unplea-	
14	g	Calixtus	2	0		22	ſant yet for	
15	a	Hedwig	3	0	Aries	4	the ſeaſon.	
16	b	Gallus	4	0		16		
17	c	Florent.	5	1		29		
18	d	S. Luke Evan.	6	1	Taur.	12	High winds	
19	e	Ptolemy	7	1		25	△ ☉ ♄.	
20	f	21 after Trin.	8	1	Gem.	8	△ ♄ ☿.	
21	g	Tres Mich.	9	1		22	♂ ☉ ♃.	
22	a	Cordula	10	2	Canc.	5	and ſomewhat	
23	b	Term begins	11	2		19	cold.	
24	c	Salmon	12	2	Leo	3	△ ♅ ☿.	
25	d	Criſpin	13	3		17	☽ ☊.	
26	e	Amandus	14	3	Virgo	1	☽ Perigæon.	
27	f	22 after Trin.	15	4		15	Variable wea-	
28	g	S. Si. & Jude	16	4	Libra	0	ther towards	
29	a	Menſ. Mich.	17	5		14	the end.	
30	b	Theones.	18	5		28	♂ ♅ ♂.	
31	c	Wolfgang	19	6	Scorp.	12	✶ ♅ ☿.	

Days of the month.	Sun rising. and Sun setting.	
1	6 41	6
2	6 43	6
3	6 45	6
4	6 47	6
5	6 49	6
6	6 50	6
7	6 52	6
8	6 54	6
9	6 56	6
10	6 58	6
11	7 0	5
12	7 2	5
13	7 4	5
14	7 6	5
15	7 8	5
16	7 10	5
17	7 12	5
18	7 14	5
19	7 15	5
20	7 17	5
21	7 19	5
22	7 20	5
23	7 22	5
24	7 24	5
25	7 25	5
26	7 27	5
27	7 29	5
28	7 30	5
29	7 32	5
30	7 33	5
31	7 35	5

Cambridge Term begins the 10 day, and then the *Proctors*, *Taxors* and *Scrutators* are choſen. *Magna Congregatio*, or the Black Aſſembly on the 25 day.

St. *Luke*, a Phyſitian, who in ſtudying that Faculty, had much improved and poliſhed his ſtyle, as is to be ſeen in his Goſpel and the Acts, he was St. *Pauls* companion and intimate friend, whom he ſtyles the Beloved, and no doubt had his information from him; which is eaſie and probable, without ſending him for it to the Virgin *Mary*, as to the Ark of the Covenant, as ſome can allow themſelves to ſpeak. *Durand.*

Some are zealous to have him a Painter, which as a fair Accompliſhment, we can allow to one of his parts and education, and if ſome had not a further fetch in it. It muſt be a Tradition, and that Tradition an Article of Faith.

St. *Simon* and St. *Jude*, *Simon* the Zelot or Canaanite, not from his place but temper: St. *Jude* is he who writ the Epiſtle, and by that we know more of him, then by raiſing of 30 Perſons from the Dead, as *Durand.* tells us.

St. *Francis*, at firſt a Merchant, he once denied a poor man that asked for Chriſts ſake, but being troubled at it, he reſolved never to deny any again; he inſtituted the Order of the *Franciſcans* or Minorites, which the Pope by a dream was forced to confirm.

Sun rising

First quarter the 8 day, 10 min. past 3 afternoon.
Full moon the 16 day, about midnight.
Last quarter the 23 day, 38 min. past noon.
New moon the 30 day, 50 min. past 11 before noon.

1	☽	All Saints	20	6	Scorp.	26	✶ ♂ ☿.
2	♀	Omn. Anim.	21	7	Sagit.	10	Good mode-
3	☾	23 after Trin.	22	8		23	rate weath. the
4	☿	K. W. 3. born	23	8	Capr.	6	season consi-
5	♂	Powder Plot	24	9		19	dered.
6	♄	Leonard	25	10	Aquar.	1	
7	☾	Florent.	26	11		13	▨ ♄ ☿.
8	☉	Severus	27	11		25	✶ ☉ ♆.
9	♀	Theodosia	28	12	Pisces	6	☽ Apogæon.
10	☾	24 after Trin.	29	13		18	
11	☿	Sun in Sagit.	0 ♐	14	Aries	0	Dark and
12	♂	Craft. Mart.	1	15		12	gloomy wea-
13	♄	Nicholas	2	15		24	ther with
14	☾	Frederic	3	17	Taur.	7	snow or rain.
15	☉	Leopold	4	18		20	✶ ♀ ☿.
16	♀	Othmarus	5	18	Gem.	4	
17	☾	25 after Trin.	6	19		17	
18	☿	Octab. Mart.	7	20	Canc.	1	✶ ☉ ♄.
19	♂	Elizabeth	8	21		15	Windy & va-
20	♄	Eugenius	9	22	Leo	0	riable weath.
21	☾	Oblat. V M.	10	24		14	☽ ☊.
22	☉	Cecilia	11	25		28	☽ Perigæon.
23	♀	Clement	12	26	Virgo	12	
24	☾	26 after Trin.	13	28		25	
25	☿	Catharine	14	28	Libra	10	Cold & incli-
26	♂	Quind. Mart.	15	29		24	ning to frost
27	♄	Gunther	16	30	Scorp.	8	▨ ♆ ♀. at
28	☾	Term ends	17	31		21	✶ ☉ ♂. the
29	☉	Saturn	18	33	Sagit.	5	✶ ♄ ☿. end
30	♀	S. Andrew	19	34		18	of the month.

November 1700.

The Vice-Chancellour lays down his Office the 3d day.

	Sun rising.	Sun setting.	
1	7	37	5
2	7	39	5
3	7	41	5
4	7	43	5
5	7	45	5
6	7	47	5
7	7	49	5
8	7	51	5
9	7	52	5
10	7	54	5
11	7	55	5
12	7	57	5
13	7	58	5
14	7	59	5
15	8	0	4
16	8	1	4
17	8	2	4
18	8	3	4
19	8	4	4
20	8	5	4
21	8	6	4
22	8	7	4
23	8	8	4
24	8	9	4
25	8	10	4
26	8	11	4
27	8	12	4
28	8	12	4
29	8	13	4
30	8	14	4

Wenefrid, Saint, Virgin and Martyr, and our own Country-woman, who rather then violate her Chaftity, incurred the cutting off her own Head, which tumbling down a hill into a Church, they joyning in prayers for her, and after applying the Head to the Body, ſhe aroſe and lived again; but the Man that did it fell down dead, ſunk into the ground, and never was ſeen; whereas, where the Virgins head fell, there immediately burſt forth a perpetual Spring [*Creſſeys* Hiſt:] which at this day is very famous (if you will believe it) for waſhing away of ſins, and many Miracles, which draws the People thither in great numbers, and is a relief to the Poor of that place, who attend them there, and ſay thoſe Prayers for them, (as I have been told) which they cannot ſtay to perform themſelves.

Advent-Sunday, Great Perſons have always their Forerunners to give notice and prepare for their coming. The many Propheſies concerning our Saviours Coming, were but ſo many Advent Sermons to them; it is fit then, for ſome time before, we ſhould give notice of and prepare our ſelves for the ſolemnity of Chriſts Nativity and Coming to us, as we are directed by the Leſſens and Prayers for thoſe Days.

First quarter the 8 day, 44 min. past 11 before noon.
Full moon the 16 day, 6 min. past 1 in the morning.
Last quarter the 22 day, at 9 at night
New moon the 30 day, at 6 in the morning.

1		1 Adyent Sund.	20	35	C. pr.	1	Cold, & sharp
2	g	Libanus	21	36		14	air, with some
3	a	Esaias	22	37		27	△ ♄ ☿.
4	b	Barbara	23	39	Aquar.	9	☽ ♆. frost.
5	c	Sabina	24	40		21	
6	d	Nicholas	25	41	Pisces	2	☽ Apogæon.
7	e	Ygath, M.	26	42		14	
8		2 sun. in Adv	27	44		25	
9	g	Cyprian	28	45	Aries	8	
10	a	Eulalia	29	46		20	
11	h	Sun in Capr.	0 ♑	47	Taur.	3	✶ ☿ ☿.
12	c	Valerius	1	49		15	Good weather
13	d	Lucia, Virg.	2	50		28	for the season.
14	e	Nicasius	3	51	Gem.	12	
15		3 sun. in Adv.	4	53		26	
16	g	O Sapientia	5	54	Canc.	10	Windy with
17	a	Lazarus	6	55		25	some wet.
18	b	Ember week	7	56	Leo	9	☽ ☊.
19	c	Noth	8	58		24	✶ ☉ ♄.
20	d	Ammon	9	59	Virgo	9	☽ Perigæon.
21	e	Thomas	11	0		23	☌ ☉ ☿.
22		4 sun. in Adv.	12	2	Libra	7	✶ ♄ ☿.
23	g	Victor	13	3		21	
24	a	Ignatius	14	4	Scorp.	5	✶ ☌ ☿.
25	b	Nativitas d. y	15	6		19	Inclining to
26	c	Stephen	16	7	Sagit.	2	frost, and very
27	d		17	8		15	cold to the
28	e	Innocents.	18	9		28	✶ ♆ ☿.
29		1 sun. aft. Chr.	19	11	Capr.	11	☌ ♄ ☌.)
30	f	Rabis	20	12		23	☐ ♄ ☿.
31	a	Sylvester	21	13	Aquar.	4	years end.

December 1700.

Cambridge Term ends the 16 day.

Days of the month.	Sun rising.	Sun letting, and	
1	8	14	4
2	8	15	4
3	8	15	4
4	8	15	4
5	8	16	4
6	8	16	4
7	8	16	4
8	8	17	4
9	8	17	4
10	8	17	4
11	8	17	4
12	8	17	4
13	8	17	4
14	8	17	4
15	8	16	4
16	8	16	4
17	8	16	4
18	8	15	4
19	8	15	4
20	8	15	4
21	8	14	4
22	8	14	4
23	8	13	4
24	8	12	4
25	8	11	4
26	8	10	4
27	8	9	4
28	8	8	4
29	8	7	4
30	8	6	4
31	8	4	4

Chriſtmas-Day, or the Day of Chriſts Nativity: why it is kept I hope all know, but whether this was the Day, hath been a Queſtion; ſome ſay, that it appeared to be this very Day from the *Roman* Rolls (which are mention'd by St. *Luke*,) and which afterwards came into the hands of the Chriſtians, whence they proved this, and many other things, which were very uſefull to them.

St. *Stephen*, St. *John*, and *H. Innocents*, theſe perſons did not ſuffer on theſe Days, but were thought fit to accompany this great Solemnity; St. *Stephen* firſt, as the Firſt Martyr for Chriſt, St, *John* next, becauſe his death falling on the ſame day with *John* the Bapt. it was thought fit to place the beloved Diſciple as near his Maſter as they could; the *Innocents* next, as the moſt remarkable thing which followed our Saviours Birth; or if you like ſuch Reaſons, learn hence what brings us neareſt unto Chriſts Sufferings, Love, Innocency, ----2 ſorts of Martyrs, ſome in Will and Deed, ſome in Will and not in Deed, ſome in Deed and not in Will.

Innocents, ſome ſay that *Herods* own ſon was ſlain amongſt them, but though the man might have Cruelty and Jealouſie enough to put him upon ſuch a thing, yet it is not altogether probable, that he ſhould have a ſon under two years old, when he was at that time above 70 [years old.]

A Regal Table in a more exact manner.

The Year, Month, and Day, (recounting the Year to begin *Jan.* 1.) whereon every King and Queen of *Eng.* since the Conquest began their Reign.			The number of Years, Months, and Days, that every K. and Q. reigned 28 d. to a month.							The num. of Y. expired in this Y. since they began to reign: as also since they ended.		
K. W. Conq.	1066	Octob. 14	20	y	11	m	22	d	634			
W. Rufus	1087	Sept. 9	12	y	11	m	18	d	613	K. W. Conq.		
Henry 1	1100	August 1	35	y	4	m	11	d	600	W. Rufus		
Steven	1135	Decem. 2	18	y	11	m	18	d	565	Henry	1	
Henry 2	1154	Octob. 25	34	y	9	m	2	d	546	Steven		
Richard 1	1189	July 6	9	y	9	m	0	d	511	Henry	2	
John	1199	April 6	17	y	7	m	0	d	501	Richard	1	
Henry 3	1216	Octob. 19	56	y	1	m	0	d	479	John		
Edward 1	1272	Nov. 16	34	y	8	m	6	d	434	Henry	3	
Edward 2	1307	July 7	19	y	7	m	5	d	393	Edward	1	
Edward 3	1327	Jan. 25	50	y	5	m	7	d	373	Edward	2	
Richard 2	1377	June 21	22	y	3	m	14	d	323	Edward	3	
Henry 4	1399	Sept. 29	13	y	6	m	3	d	301	Richard	2	
Henry 5	1413	March 20	9	y	5	m	24	d	287	Henry	4	
Henry 6	1422	August 31	38	y	6	m	16	d	278	Henry	5	
Edward 4	1461	March 4	22	y	1	m	8	d	239	Henry	6	
Edward 5	1483	April 9	0	y	2	m	18	d	217	Edward	4	
Richard 3	1483	June 22	2	y	2	m	5	d	217	Edward	5	
Henry 7	1485	August 22	23	y	10	m	24	d	215	Richard	3	
Henry 8	1509	April 22	37	y	10	m	2	d	191	Henry	7	
Edward 6	1547	Jan. 28	6	y	5	m	19	d	154	Henry	8	
Q. Mary 1	1553	July 6	5	y	4	m	22	d	147	Edward	6	
Q. Elizabeth	1558	Nov. 17	44	y	4	m	15	d	142	Q. Mary	1	
James 1	1603	March 4	22	y	0	m	3	d	98	Q. Elizabeth		
Charles 1	1625	March 27	22	y	10	m	3	d	75	James	1	
Charles 2	1648	Jan. 30	36	y	0	m	0	d	51	Charles	1	
James 2	1685	Febr. 6	4	y	0	m	0	d	15	Charles	2	
William 3 Mary 2	1688	Feb. 13	Whom God grant long to Reign.						11	James	2	

The Use of the Table in Example.

King *Henry* 8 began his Reign in the Year of *Christ* 1509. *April* 22 He reigned 37 years, 10 months, and 2 days. It is since he began his Reign 191 Years compleat the 22 of *April* this Year 1700. Now to know the time since the end of his Reign before his Name standing on the right hand, you shall there find 154 Years since he died, *Jan.* 28. and so of the rest.

DOVE

Dove 1700.

The latter part of this ALMANACK

For the year of our Lord God 1700:

Being the Biſſextile or Leap-year.

Wherein are contained the Eclipſes, the Suns entrance into the 4 Cardinal Signs. A Tide-Table. An Account of the Motion of the Earth. A Table of Weights and Meaſures both *Engliſh* and Forreign, and of Forreign Coins, alſo Tables of Reverſion for Renewing and Purchaſing of the Leaſes of Cathedral Churches and Colleges, with other uſefull Things and Tables.

Quoniam videbo Cœlos tuos opera digitorum tuorum: Lunam & Stellas quæ tu fundaſti, quid eſt homo, quod memores ejus? aut filius hominis, quoniam viſitas eum, Pſal. 8. 3.

CAMBRIDGE.

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The Eclipſes for the year 1700.

THERE will be but Two Eclipſes, and thoſe of the Moon.

The firſt Lunar Deliquium will be celebrated in 15 Degrees of the Celeſtial Virgin, on *Febr.* 23d. about our Seven in the Morning. And in as much as it fals in an Human Sign, it will principally pour out its Effects upon Human Kind. It will be Viſible if the Air be clear, and Total, even in our Weſtern Horiſon.

The ſecond will be an Inviſible Lunar Defect, and will happens on the 18th. of *Auguſt*, about our Two of the Clock in the Afternoon, and will be Celebrated in 6 Degrees of the Fiſhes. It will be a Great Eclipſe, though Inviſible to us as beforeſaid.

On the 23d. of *December* this Year will happen a Notable Conjunction of ♄ and ♂ in 10 Degrees of the Celeſtial Fiſhes. And what Country, City, Nation, Perſon or Thing ſoever, hath ralation to that part of the Sign wherein this Conjunction is made, will be eminently concern'd in its Effects.

The Suns entrance into the four Cardinal Signs.

HE enters ♈, *March* the 11, 22 minutes paſt 4 in the morning, and then begins our Spring Quarter.

He enters ♋ *June* the 12, 52 min. paſt 5 in the Afternoon, and then begins our Summer Quarter.

He enters ♎, *September* the 13. 50 min. paſt 9 at night, and then begins our Autumn.

He enters ♑, *December* the 12, 42 minutes paſt 9 at night, and then begins our Winter Quarter.

A Table whereby you may find the time of high water at many Havens in and about England, and how many hours and minutes are to be added to the time of the Moons coming to the South for the time of high water, and likewise what Moon makes a full Sea at those Havens.

South and North	Quinborough, Southampton, Portsmouth, Isle of Wight, Spits, Kentish-knock.	Ho.	M
		•	•
S. by w.	Rochester, Malden, Aberdeen, Redband.	•	45
S. S. w.	Gravesen. Downs, Rumney, Tennet, Silly.	1	30
S. w. by S.	Dundee, S. Andr. S. Lucas, Bell Isle, Holy Isl.	2	15
S. w.	Lond. Tinmout. Hartpool, Whitebay, Amst.	3	•
S. w. by w.	Barwic, Flambrough-h. Bridlington-bay.	3	45
W. S. w.	Scarboroug. Severn, Mounts-bay, Kingsale.	4	30
W. by S.	Newcast. Humber, Falmouth, Dartmout.	5	15
E. and w	Plimouth, Weymou. Hull, Lyn, Antwerp.	6	•
E. by S.	Bristol, Foulness at the Start.	6	45
E. S. E.	Milford, Bridgew. Landsen. Waterford.	7	30
S E. by E.	Portlan. Peterport, Harflew, Hague, Dubl.	8	15
S S. E.	Pool, S. Hellen, Orkney, Caines, Man-Isle,	9	•
E. by S.	Needles, Laisto, North & South forelands	9	45
S. S. E.	Yarmout. Dover, Harwich, Calice-Road.	10	30
S. by E.	Ry, Winchelsey, Goree, Thames, Rhodes	11	15

Moons age.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Moons age
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
South at	12	1	2	3	4	4	5	6	7	8	8	9	10	11	12	H.
	48	36	24	12	0	48	36	24	12	0	48	36	24	12	•	M.

The Tide-Table Explained.

IN the first Column you have the point of the Compass to the which the Moon coming maketh full Sea at those Havens mentioned in the second Column, and in the third Column are the hours and minutes to be added to the time of the Moons southing. I shall make it plain by an example.

The 14th of *February*, this Year 1700. I would know at what hour it will be full Sea at London-bridge. First, I find the Moons age in the former part of the Almanack (accounting it from the Change) to be 6 days old, which age I find at the bottom of the Tide table, and under the ſame 4 hours 48 min. the time of the Moons coming to the South; then finding in the firſt Column that a South-weſt Moon makes full Sea at *London*, I add to her ſouthing 3 hours, as is ſhewed in the laſt Column, and it makes 7 hours, 48 min. at night, the time of full Sea at London-Bridge; alſo obſerve that when the Moon cometh to the contrary (or North-eaſt) point it is there full Sea again. Note, that Land flouds, Spring-tides, and contrary winds, make it ſooner or later about an hour.

Arguments proving the Motion of the Earth.

ACcording to *Ptolomy*, the whole Heaven of the fixed Stars is whirled about the Earth in a Day, making its motion from Eaſt to Weſt, the Earth according to him, reſting in the Center of the Univerſe: but according to *Copernicus*, the earthly Globe turns about its own Axis from Weſt to Eaſt, performing its Revolution in 24 hours; *Ptolomy* alſo would have the Sun to run through the Zodiack in a Year, but *Copernicus* rather thinks, that our Earth performs its Revolution under the Ecliptick in the ſame ſpace of time: *Ptolomy* alſo ſays, that the Moon performs her Revolution in the Zodiack in a month, and *Copernicus* would have the Orb of the Moon to be carried by the Earth, and her body alſo to perform the Courſe in her own Circle.

Now

Now notwithſtanding theſe differences in the Motions nd deſcriptions of the Spheres and Heavenly bodies, yet re their Appearances much the ſame, whether the Sun, arth, or fixed Stars do move or ſtand ſtill.

For although their Motions and Scituations in each yſtem, are contrary to one another, yet do they differ o more among themſelves, then the Way from *Cambridge* o *London*, doth differ from the way from *London* to *Cambridge*; for although they that travel from *Cambridge* o *London*, go contrary to them that travel from *London* o *Cambridge*, yet is the Way the ſame: So the Ptolomaick and Copernican Spheres are contrary to one another, as to their Hypotheſis, yet do they ſhew the ſame hing in the Heavens, there are the ſame appearances.

And ſeeing the Appearances are the ſame, it may be equired, why *Copernicus* rejecting the Ptolomaic Syſtem, hould go about to deviſe a New one of his own; the Anſwer will be, that *Ptolomy* had reſpect only to the bare Motion of the Heavens, but *Copernicus* did not only egard the Motions, but alſo the Cauſes of them, and ſo ath built his Hypotheſis upon ſubſtantial Reaſon, as in he Sequel will appear.

The firſt Argument which we ſhall alledge for the Motion of the Earth, ſhall be from the magnitude of the Spheres, taking it for granted, that thoſe ſtars or Planets which are placed in leſſer Spheres, do move more ſwiftly than thoſe which are placed in greater, which by obſervation is moſt evident, for the Moon who is placed in the leaſt of all the Spheres, performs her Revolution in a Month. Mercury who is placed in a Sphere next greater performs his Revolntion in 80 days Venus who is in the Sphere next above, performs her Revolution

in 9 months, then the Sun or the Earth in a Year, Mars in two Years; Jupiter in 12 years; Saturn who is in the greateſt Sphere, performs his Revolution in thirty years; but the Sphere of the fixed ſtars being almoſt infinitely higher then the ſphere of Saturn, and ſo conſequently ſo much greater, either muſt move not at all, or elſe ſloweſt of all; ſo that it ſeems very abſurd, to attribute the ſwifteſt motion to this Sphere, ſuppoſing it to compleat its Revolution in a day or 24 hours; and this will better appear, if you conſider, that the diſtance of the Sun from the Earth, or the Earth from the Sun is but $1458\frac{1}{2}$ ſemidiameters of the Earth, but the diſtance of the Sphere of the fixed ſtars from the Sun is 10302917 of the ſame Semidiameters, one of which is uſually reckoned to be $859\frac{1}{2}$ *German* miles, ſo that the Semidiameter of the fixed ſtars will then be 8850729439 *German* miles, and the Circumference 55628464617 of the ſame miles, which divided by 24, gives 2317852969 2 *German* miles, for the ſpace which the fixed ſtars runs in an hour, and in a minute 38630878 of the ſame miles, and in a moment, or the ſixtieth part of a minute almoſt 643848 of the ſame miles, which muſt be of ſuch a prodigious ſwiftneſs as none can imagine it poſſible, that a Phyſical body ſhould run through ſuch a vaſt ſpace, in ſo little a time. But the Circumference of the Earth is but 5400 *German* miles, which divided by 24, gives 225 of the ſame miles for the motion of the Earth in an hour, and in a minute $3\frac{1}{12}$ of *German* miles, but in a moment, but the ſixteenth part of one of thoſe miles, which is as ſwift as a bullet out of a Gun, and ſo the motion hath a juſt and convenient proportion to the time it moves in. So likewiſe to inſtance in the motion of Saturn, the Circumference of whoſe Sphere is ſuppoſed to be 80358093 *German* miles, which divided by 24 gives 3348253 of the ſame miles for the

motion

motion of Saturn in an hour, and the diviſion continued by 60, you will find that he moves then 930 *German* miles in a moment, or the ſixtieth part of a minute, the proportion of the ſpace it moves being ſo unequal to the time it moves in, as cannot be imagined, that a body ſhould move ſo ſwiftly: therefore we will conclude that the diurnal motion is not to be attributed either to the Sphere of the fixed ſtars, or to the Sphere of Saturn, or to any other of the Spheres, but to the Earth about its own Axis, which moves but the ſixteenth part of a *German* mile in a moment as was ſaid before, and therefore the motion of the Earth is moſt agreeable to reaſon.

The ſecond Argument for the Earths motion is this, *viz.* If the motion of the Earth about its own Axis be not admitted, one and the ſame Sphere muſt move Eaſt and Weſt at the ſame time, but ſuppoſing the diurnal converſion of the Earth about its own Axis, this abſurdity will be taken away, although according to the appearance of the Heavens, they may ſeem ſo to do, yet is the diurnal motion not to be attributed either to the fixed Stars, or to the Planets, but to the Earth, for that moving eaſtward, doth cauſe us to think that the whole ſyſteme of the Planets, and Sphere of the fixed Stars do move weſtward, whereas indeed every Sphere has but one motion really, and that is

from West to East, the other motion from East to West is only so in appearance, caused by the diurnal motion of the Earth from West to East, like as those which are sailing from West to East, those things which are without the ship upon Land, or upon the Sea, do seem to go the contrary way, although perhaps they may not move at all, or else the same way. There be several other Arguments, but I have not here room to produce them: As for the ponderosity of the Globe of th Earth, which is brought as an Objection against its motion, that doth rather prove the motion thereof; for things that are ponderous will not rest in the Air without motion.

Of

Of Weights and Measures.

Of *Troy* Weight.

24 Grains	MAKE	1 Peny w.
20 Peny weig.	MAKE	1 Ounce.
12 Ounces	MAKE	1 po. *Troy*

Apothecaries Weight.

20 Grains	MAKE	1 Scruple.
3 Scruples	MAKE	1 Dram.
8 Drams	MAKE	1 Ounce.
12 Ounces	MAKE	1 Pound.

Of *Averdupois* Weight, a Pound whereof is equal to 14 Ounces, 12 peny weight *Troy*; by which Weight is weighed any thing which beareth the Name of Garbel in this kind of weight.

16 Drams	MAKE	an Ounce.
16 Ounces	MAKE	a Pound.
28 Pound	MAKE	1 Quarter.
4 Quarters	MAKE	1 H or 112
20 Hundreds	MAKE	1 Tun.

Of Liquid Measure

2 Pints	MAKE	1 Quart.
2 Quarts	MAKE	1 Pottle.
2 Pottles	MAKE	1 Gallon
8 Gallons	MAKE	1 Firkin of Ale, Sope, Herrings
9 Gallons	MAKE	1 Firkin of Beer.
10 Gall ½	MAKE	1 Firkin of Salmon or Eels.
2 Firkins	MAKE	1 Kilderkin
2 Kilderk.	MAKE	1 Barrel.
42 Gallons	MAKE	1 Tierce of Wine.
63 Gallons	MAKE	1 Hogshead
2 Hogsh.	MAKE	1 pipe, Butt.

Dry Measure.

2 Gallons	MAKE	1 Peck.
4 Pecks	MAKE	1 Bushel land measure.
5 Pecks	MAKE	1 Bushel wat. measure.
8 Bushels	MAKE	1 Quarter.
4 Quarters	MAKE	1 Chalder.
5 Quarters	MAKE	1 Wey.

Long Measure.

3 Barly Corns	MAKE	1 Inch.
12 Inches	MAKE	1 foot.
3 feet	MAKE	1 Yard.
3 feet 9 Inch.	MAKE	1 Ell.
6 feet	MAKE	1 fathom
5 yards and ½	MAKE	1 Pole.
40 Poles	MAKE	1 furlong.
8 furlongs	MAKE	1 *En.* mile

Land Measure.

1 Pole in breadth and 40 in length make a Rood of Land.
4 Roods make an Acre, wch contains 160 square Pole.

Cloath Measure.

4 Nails	MAKE	1 Quarter.
4 Quarters	MAKE	1 Yard.
5 Quarters	MAKE	1 Ell.
3 Quarters	MAKE	1 Ell *Flem.*

The value of Forreign Coins in Engliſh *money.*

	lb.	ſh.	d.
Hebrew Talent in Gold	4500	0	0
Hebrew Talent in Silver	375	0	0
Alexandrian Talent	375	0	0
Ægyptian Talent	250	0	0
Babylonian Talent	218	15	0
Attick Talent	187	10	0
Seſtertium of *Rome*	7	16	3
A Shekel	0	2	6
Argenteus	0	2	6
A Drachma	0	0	7½
A Rubble	0	13	4
A Sultany	0	7	6
A Ducat	0	6	8
A *French* Crown	0	6	6
A Xeriffe	0	6	0
A Rix Doller	0	4	8
A Floren	0	3	0
A Frank	0	2	0
A Livre or *Farh*	0	1	6
A Gilder	0	2	0
A *Spaniſh* Real	0	0	6
A Sous	0	0	1q
A *Turkiſh* Aſper	0	0	1q
A Maravidis	0	0	0q

Weights & Meaſures mentioned in Scripture.

A Shekel in weight a ¼ of an Ounce.
Shekel of the Sanctuary ½ an ounce.
A Talent 62 pounds.
A Pound 12 ounces.
A Mules burthen 200 weight.
A Log half a pint.
A Hin 3 quarts.
A Bath 9 Gallons 3 quarts.
A Pot or Sextary, a pint and an half.
A Meaſure or Chœnix, a quart.
A Firkin 4 Gallons and an half.
A Kab, a quart.
An Omer 3 pints & an half.
A Meaſure or Seah a gallon & an half.
An Epha, half a Buſhel and Pottle.
Half Homer or Lethec, 7 buſh. & quart.

5 Stivers are equal to 6 pence Sterling, 6 Stivers are a Flemiſh Shilling, 20 Stivers or Solds Turnois make a Gilder, and 120 Stivers make a Livre or pound Flemiſh, which is reckoned equal to 12 ſhillings Sterling. The Ducatoons are equal to 10 Dutch ſhillings or 60 Stivers; Patatoons are equal to 48 Stivers or 8 Dutch Shillings, 8 Doits make a Stiver. The weight called a Quintal is 104 pound, in ſome places 108.

A

A plain and eaſie Table ſhewing the true Intereſt due upon any Sum of Money from five Shillings to an Hundred Pounds, for a Year or under, after the rate of Six Pounds in the Hundred.

		1 month.			3 months			6 months			9 months			A Year.		
		ſh.	*p.*	*q.*	*ſh.*	*p.*	*q.*	*ſh.*	*p.*	*q.*	*ſh.*	*p.*	*q.*	*ſh.*	*p.*	*q.*
Shil.	5	0	0	1	0	0	3	0	1	3	0	1	2	0	3	2
	10	0	0	2	0	1	3	0	3	2	0	5	0	0	7	0
	15	0	0	3	0	2	2	0	5	1	0	8	2	0	10	2
Pounds.	1	0	1	0	0	3	2	0	7	0	0	10	2	1	2	1
	2	0	2	1	0	7	0	1	2	1	1	9	1	2	4	2
	3	0	3	2	0	10	2	1	9	1	2	7	3	3	6	3
	4	0	4	3	1	2	1	3	4	2	3	6	3	4	9	0
	5	0	6	0	1	6	0	3	0	0	4	6	0	6	0	0
	6	0	7	0	1	9	2	3	7	0	5	4	2	7	2	1
	7	0	8	1	2	1	0	4	2	1	6	3	1	8	4	2
	8	0	9	2	2	4	2	4	9	1	7	1	3	9	6	3
	9	0	10	3	2	8	1	5	4	2	8	0	3	10	9	0
		po.	*ſh.*	*p.*	*po.*	*ſh.*	*p.*	*po.*	*ſh.*	*p.*	*po.*	*ſh.*	*p.*	*p.*	*ſh.*	*p.*
Tens of Pounds.	10	0	1	0	0	3	0	0	6	0	0	9	0	0	12	0
	20	0	2	0	0	6	0	0	12	0	0	18	0	1	4	0
	30	0	3	0	0	9	0	0	18	0	1	7	0	1	16	0
	40	0	4	0	0	12	0	1	4	0	1	16	0	2	8	0
	50	0	5	0	0	15	0	1	10	0	2	5	0	3	0	0
	60	0	6	0	0	18	0	1	16	0	2	14	0	3	12	0
	70	0	7	0	1	1	0	2	2	0	3	3	0	4	4	0
	80	0	8	0	1	4	0	2	8	0	3	12	0	4	16	0
	90	0	9	0	1	7	0	2	14	0	4	1	0	5	8	0
	100	0	10	0	1	10	0	3	0	0	4	15	0	6	0	0

Find the Principal in the firſt Column, and in the other you have the Intereſt due for one, three, ſix, nine, or twelve months.

Tables

Tables of Reverſion for Renewing a Leaſe of 20 years, according to any number of years within that time Lapſed, at 12lb 6s, at 11lb 11s 8d, and at 6lb *per cent.*

The Fine for Renewing.	1 years value for 7 y. lapſed is at 12lb 6 p. c.	12lb 6 p. c. Years	Quarters	Months	Weeks	11 11 8 p. c. Years	Quarters	Months	Weeks	at 6lb p. c. Years	Quarters	Months	Weeks
1		0	0	1	0	0	0	1	1	0	1	0	3
2		0	0	2	0	0	0	2	3	0	2	1	3
3		0	1	1	0	0	1	1	2	0	3	2	3
4		0	1	2	3	0	1	2	1	1	3	1	2
5		0	2	1	2	0	2	2	2	1	3	1	0
6		0	3	0	2	0	3	2	2	2	0	2	0
7		1	0	0	2	1	0	1	2	2	2	1	2
8		1	0	2	3	1	1	1	1	3	0	1	0
9		1	1	2	3	1	2	1	2	3	2	1	1
10		1	3	0	0	1	3	2	0	4	0	1	1
11		2	0	1	0	2	1	0	0	4	2	2	0
12		2	1	2	0	2	2	1	2	5	1	0	1
13		2	3	0	2	3	0	0	2	5	3	1	3
14		3	1	0	0	3	2	0	0	6	2	1	0
15		3	3	0	0	4	0	0	1	7	1	0	0
16		4	1	0	3	4	2	1	1	8	0	0	0
17		4	3	2	0	5	1	0	0	8	3	0	2
18		5	2	1	3	5	3	2	2	9	2	1	2
19		6	1	2	0	6	3	0	1	10	2	1	0
Total value	20	7	1	0	3	7	2	2	0	11	1	2	3

The firſt part of this Table is calculated at 12 lb. 6 ſh. *per cent.* ſo that the time for renewing 7 years Lapſed is juſt 1 years value. The ſecond part is calculated at 11 lb. 11 ſh. 8 d. *per cent.* (which is the rate that is obſerved in a Leaſe of 21 years, when 1 years va-

Tables of Reverſion for Renewing a Leaſe of 10 years according to any number of years within that term Lapſed at 17 lb 5 ſh. at 10 lb. and at 6 lb. *per cent.*

The time for Renewing.	17 lb 5 s. *p. c.*					10 lb *per c.*				6 lb *per cent.*			
	Y. Lapſed	Years	Quarters	Months	Weeks	Years	Quarters	Months	Weeks	Years	Quarters	Months	Weeks
	1	0	0	2	1	0	1	1	2	0	2	0	3
	2	0	1	2	0	0	3	0	3	1	0	1	3
	3	0	2	2	0	1	0	0	1	1	3	0	1
	4	1	0	0	0	1	3	0	2	2	1	2	1
	5	1	1	1	2	2	1	1	2	3	0	2	3
	6	1	3	0	3	2	3	2	3	3	3	1	3
	7	2	1	1	0	3	2	2	0	4	2	2	1
	8	2	3	2	1	4	1	2	0	5	2	0	1
	9	3	2	2	0	5	0	2	3	6	1	2	0
Total value	10	4	2	0	1	6	0	1	3	7	1	1	1

value is to be given for 7 years run out) ſo that the fine for renewing 7 years Lapſed according to this rate of intereſt, is 1 year, 1 month, and 2 week's value: The third part of the Table being calculated at 6 lb. *per cent.* the fine for renewing 7 years Lapſed is 2 years, 2 quarters, 1 month, and 2 week's value; and ſo as the rate of intereſt decreaſeth, the fines both for Renewing and Purchaſing increaſe.

In a Leaſe for 10 years, they uſually give 1 years value for 4 years Lapſed, and then the Tenant hath 17 lb. 5 ſh. *per cent.* profit for his money, as the Table ſhews; but if he gives 1 year, 3 quarters 0 months, 2 week's value to renew the ſame, he hath but 10 lb. *per cent.* &c. So the value of a Leaſe for 10 years at 17 lb. 5 ſh *per cent.* is 4 years 2 quarters, 0 months, and 1 week's purchaſe; but at 6 lb. *per cent.*

What 1 lb Annuity to continue any number of years under 31 is worth in ready money.		
lb.	sh.	d.
0	18	10
1	16	8
2	13	5
3	9	3
4	4	3
4	18	4
5	11	7
6	4	2
1	16	0
7	7	2
7	17	8
8	7	8
8	17	0
9	5	10
9	14	3
10	2	1
10	9	6
11	16	6
11	3	2
11	9	4
11	15	3
12	0	10
12	6	0
12	11	0
12	15	8
13	0	0
13	4	2
13	8	1
13	11	9
13	15	3

The Reversion of 1 lb for any number of years under 31 at 6 lb *per cent.*		
Y.	lb.	d.
1	18	10
2	17	9
3	16	9
4	15	10
5	14	11
6	14	1
7	13	4
8	12	6
9	11	10
10	11	2
11	10	7
12	9	11
13	9	5
14	8	10
15	8	7
16	7	10
17	7	6
18	7	0
19	6	7
20	6	3
21	5	10
22	5	7
23	5	3
24	4	11
25	4	8
26	4	5
27	4	2
28	3	10
29	3	9
30	3	6

A Table for renewing a 21 years Leaſe.

Years paſt	Years	Quarters	Q. o. Q.
1	0	0	1
2	0	0	3
3	0	1	1
4	0	1	3
5	0	2	2
6	0	3	0
7	1	0	0
8	1	0	3
9	1	1	3
10	1	2	3
11	2	0	0
12	2	1	1
13	2	2	3
14	3	0	2
15	3	2	1
16	4	0	2
17	4	2	3
18	5	1	1
19	5	0	0
20	6	3	2
21	7	3	0

cent. it is worth above 7 years purchaſe, and at 10 lb. *per cent.* it is worth above 6 years value.

The Table for Renewing a 21 y. Leaſe is made upon the grounds of giving 1 y. value to renew 7 years lapſed, which is obſerved by Biſhops, Deans, and Chapters, Heads & Fellows of moſt Colleges in letting their Leaſes, and in ſo doing they allow their Tenants above 11 lb. *per cent.* profit for their money; ſo if 14 y. be lapſed then the Table ſhews that 3 years, & 2 quarters of a quarters value is to be given to renew the ſame at the ſame rate of intereſt, and ſo for more or fewer years lapſed.

The uſe of the Table of Reverſion of 1 lb. is thus, ſuppoſe an Eſtate is mortgaged for 20 years whoſe real value or fee ſimple is 100 lb. then what is the Reverſion thereof worth after 20 years, for anſwer I look againſt 20 y. and find that the Reverſion of 1 lb. is but 7 ſh. then I ſay if 1 lb. give 7 ſh. what will 100 lb. give? Anſwer, 35 lb. which is the worth of the Reverſion requi.ed at 6 *per cent.*

A

A Table shewing how many Bishopricks are in both Provinces of *England* and *Wales*, what Counties in every Bishoprick: How many Cities, Market-Towns, and Parishes are in every County, and how many Knights and Burgesses are chosen to serve in Parliament in every County.

Bishopricks.	Counties.	Cit.	M. T.	Pa.	K. B.
Arch-Bishopr. Canterbury Rochester	Kent	2	29	408	10
London	Middlesex,	2	4	154	8
	Essex,	0	21	415	8
	Hertford, part.	0	18	120	6
Lincoln	Lincoln	1	34	630	12
	Leicester	0	12	192	4
	Huntington	0	6	79	4
	Bedford	0	10	116	4
	Buckingham	0	15	185	14
Winchester	Hantshire	1	16	253	26
	Isle of Wight	0	0		
	Garnsey & Jersey	0	0		
	Surrey	0	7	140	14
Ely	Cambridge	1	9	163	6
	Isle of Ely				
Salisbury	Wilts	1	22	304	34
	Berks	0	12	140	9
Chichester	Sussex	1	16	312	20
Exeter	Devon	1	32	394	26
	Cornwall	0	21	161	44
Bath and Wells	Somersets	3	30	385	18
Norwich	Norfolk	1	26	668	12
	Suffolk	0	28	464	16
Worster	Worcester	1	11	152	9
	Warwick-sh. part	1	15	158	6
Coventry and Lichfield	Stafford	1	18	130	10
	Darby	0	9	106	4
	Salop part.	0	14	170	12

Hereford	Hereford	1	8	176	8
Oxford	Oxford	1	13	200	9
Glouceſter	Glouceſter	1	25	250	8
Peterborough	Northampton	1	13	326	9
	Rutland	0	2	48	2
Briſtol	Dorſet-ſhire	3	19	278	20
S. Davids	Pembrook	0	8	145	3
	Caermarthen	0	8	87	2
	Cardigan	0	4	64	2
	Brecknock	0	4	61	2
	Radnor	0	3	52	2
Landaffe	Glamorgan part.	0	8	118	2
	Monmouth	0	7	127	3
S. Aſaph	Montgom.	0	6	47	2
	Denbigh	0	4	57	2
	Flint & Merioneth part.	0	2	28	2
		0	3	37	1
Bangor	Carnarvan	0	6	68	2
	Angleſey	0	2	74	2

The Province of York.

York Arch-Biſ.	Nottingham	0	9	168	6
	York part.	1	48	563	29
Cheſter	Cheſter	1	13	68	4
	Lancaſter	0	25	61	14
	Flint part.	0			
	Denbigh part.	0			
Carliſle	Cumberland part.	1	15	58	6
	Weſtmorland	0	8	26	4
Durham	Durham	1	6	118	4
	Northumberl.	0	6	46	8

FINIS.